

Cancelling of claims 13 - 20 should be made, instead of cancelling claims 14 - 20.

Revised claims 4, 21 and 43 follow, and also a copy of the status of amended claims, and a clean copy of the claims on file are enclosed.

4. (four times amended) A biocide concentrate composition for use in hard water, and in the presence of organic matter, consisting of:

- a.) a surfactant for complexing or stabilizing iodine;
- b.) a biocidal amount of at least about 0.1% iodine complexed by the surfactant and by at least about 0.01% hydriodic acid complexed by the surfactant;
- c.) at least about 10% propionic acid, or propionates, or their salts and esters with ambient $[\text{NH}^3]$ NH_3 or ammonia compounds from fermenting litter and manure to form ammonium propionate;
- d.) acidifiers to adjust the composition pH to with the acid range of about -2 to 3;
- e.) at least about 5% of propylene glycol; and,
- f.) at least about 1% of a buffer, all parts by weight.

21. (four times amended) A method for reducing or eliminating biocides from surfaces for animal husbandry, animal feed and food processing operations or from ambient air therein in the presence of hard water, consisting of: applying to the said surfaces a solution containing a surfactant, or by atomizing or fumigation into the ambient air a biocidal amount of at least about 0.1% iodine, and at least about 0.01% hydriodic acid, thereby complexing or forming stabilized iodine; at least about 10% of propionic acid, or propionates, or their salts and esters of pH control, and for combining with ambient $[\text{NH}^3]$ NH_3 , or ammonia containing compounds arising from fermenting litter and manure to form ammonium propionate, thereby producing residual biocidal activity, and inhibiting microorganism infestations, at least about 1% of a buffer, at least about 5% of propylene glycol, and acidifiers to adjust the composition pH to within about -2 to 3, all parts by weight.

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43. (once amended) A method for reducing or eliminating biocides from surfaces or ambient air in animal husbandry, animal feed and food processing operations in the presence of hard water, consisting of: applying to the said surfaces or ambient air a solution containing a surfactant, or by atomizing or fumigation into the ambient air, a biocidal amount of [0% - 5%] up to about 5% iodine; at least about 0.01% - 2% hydriodic acid; about 10% - 75% propionic acid, or propionates, or their salts and esters; an acidifier sufficient to obtain a pH of about -2 to 3; about 1% - 10% buffer; and, at least about [5% - 10%] 5% - 30% propylene glycol, all parts by weight for combining with ambient [NH³] NH₃, or ammonia containing compounds to form ammonium propionate, the buffer being selected from the group consisting of citric acid, lactic acid, maleic acid, fumaric acid, sorbic acid, their salts and mixtures thereof, and water as a diluent.

Respectfully submitted,

DATED

June 5, 2004

This will certify that this amendment with revised claims, status of amended claims and clean copy of the claims were placed in an envelope addressed to the Commissioner of Patents, BOX NON-FEE AMENDMENT, P.O. BOX 1450, Alexandria, Virginia 22213-1450, with sufficient postage as first class mail and deposited with the U.S. Postal Service on June 5, 2004.

DATED

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